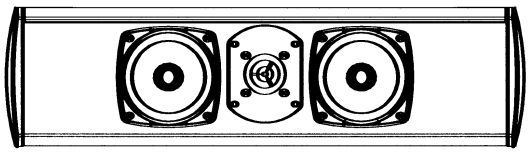
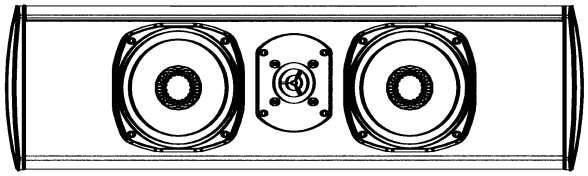
Definitive Technology

CS-8060HD & CS-8080HD OWNER'S MANUAL

CS-8000HD Series Center Channels: CS-8060HD, CS-8080HD



CS-8060HD



CS-8080HD

Definitive Technology®

The Leader in High-Performance Loudspeakers®

Thank you for choosing the Definitive Technology CS Series Center Loudspeaker. The CS Series is a compact high-definition loudspeaker system designed for use in audio/video systems of the highest quality. Because of its wide range, high-power handling and articulate clarity, it is ideal for use as a center channel in a high-performing home theater system.

Our engineers have spent many years in developing this product. In order to ensure that you experience the finest performance possible, we encourage you to take a moment to fully read this owner's manual and familiarize yourself with the proper installation and setup procedures for your CS speaker.

www.DefinitiveTech.com

Safety Precautions

CAUTION! To reduce the risk of electric shock and fire, do not remove the cover or back plate of this device. There are no user serviceable parts inside. Please refer all servicing to licensed service technicians. Avis: Risque de choc electricque, ne pas ouvrir.

CAUTION! The international symbol of a lightning bolt inside a triangle is intended to alert the user to uninsulated "dangerous voltage" within the device's enclosure. The international symbol of an exclamation point inside a triangle is intended to alert the user to the presence of important operating, maintenance and servicing information in the manual accompanying the device.

CAUTION! To prevent electrical shock, match wide blade of plug to wide slot, fully insert. Attention: Pour eviter les chocs electriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

CAUTION! To reduce the risk of electrical shock, do not expose this equipment to rain or moisture.

1. Read Instructions—All safety and operating instructions should be read before operating the device.
2. Retain Instructions—The safety and operating instructions should be retained for future reference.
3. Heed Warnings—All warnings on the device and in the operating instructions should be adhered to.
4. Follow Instructions—All operating and safety instructions should be followed.
5. Water & Moisture—The device should never be used in, on or near water for risk of fatal shock.
6. Carts & Stands—The device should only be used on carts or stands recommended by the manufacturer.
7. Wall & Ceiling Mounting—The device should be mounted on a wall or ceiling only as recommended by the manufacturer.
8. Ventilation—The device should always be located in such a way that it maintains proper ventilation.
   It should never be placed in a built-in installation or anywhere that may impede the flow of air through its heat sink.
9. Heat—Never locate the device near heat sources such as radiators, floor registers, stoves or other heat-generating devices.
10. Power Supply—The device should only be connected to a power supply of the type described in the operating instructions or as marked on the device.
11. Power Cord Protection—Power cables should be routed so they are not likely to be stepped on or crushed by items placed on them or against them. Special attention should be paid to areas where the plug enters a socket or fused strip and where the cord exits the device.
12. Cleaning—The device should be cleaned in accordance with manufacturer's instructions.
13. Periods Of Non-Use—The device should be unplugged when not being used for extended periods.
14. Dangerous Entry—Care should be taken that no foreign objects or liquids fall or are spilled inside the device.
15. Damage Requiring Service—The device should be serviced by licensed technicians when:
    - The plug or power supply cord has been damaged.
    - Objects have fallen on or liquid has spilled inside the device.
    - The device has been exposed to moisture.
    - The device does not appear to be operating properly or exhibits a marked change in performance.
    - The device has been dropped or the cabinet becomes damaged.
16. Service—The device should always be serviced by licensed technicians. Only replacement parts specified by the manufacturer should be used. The use of unauthorized substitutions may result in fire, shock, or other hazards.

Power Supply

1. The fuse and power disconnect device are located on the back of the speaker.
2. The disconnect device is the power cord, detachable at either the speaker or the wall.
3. The power cord must be disconnected from the speaker before servicing.

Unpacking Your Model

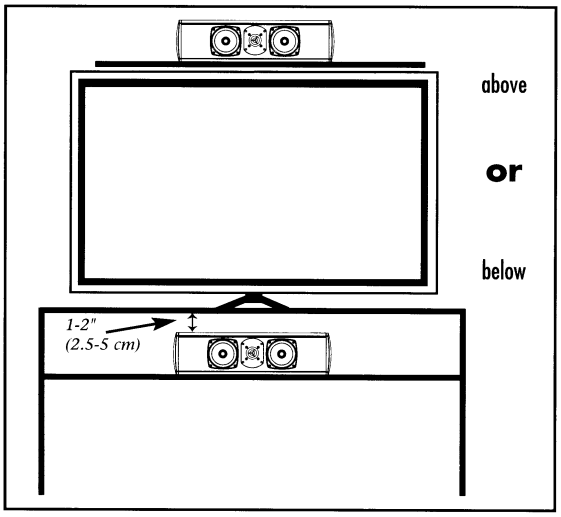
Please Inspect For Shipping Damage

Each loudspeaker leaves our plant in perfect condition. Any visible or concealed damage most likely occurred in handling after it left our plant and should be reported at once to your Definitive dealer or the delivery company that delivered your loudspeaker. Please unpack your system carefully. Save all cartons and packing materials in case you move or need to ship your system. Record the serial number found on the back of the Center Channel in the Notes section of this owner's manual.

Positioning Your Speakers

Your new CS Series speaker is designed to add clarity and focus to the vocal range and extend the musical image of your home theater. To optimize its performance, please follow these simple guidelines. Although the following recommendations will usually yield the best results, whatever sounds best to you is correct.

Figure 1 – Positioning CS Series Center Channel

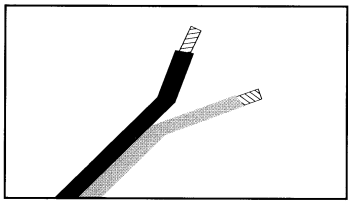


A Center Channel Speaker should be placed as close to the center of your television as possible without obstructing your view.

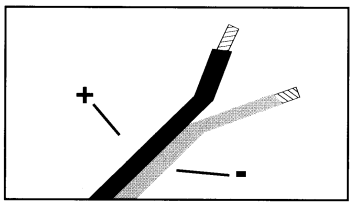
To receive the full benefit of the bass radiators built into your CS Speaker leave at least 1-2" (2.5-5 cm) of space between the top of the speaker and any surface.

Connecting Your Speakers

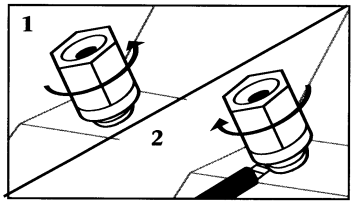
Figure 2 – Wiring and Polarity



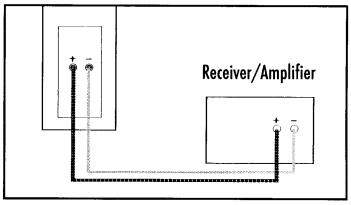
Strip 1/4" (6mm) wire.



Identify markings on wire and assign +/-.



1. Unscrew binding post and insert wire.
2. Tighten until wire is secure.



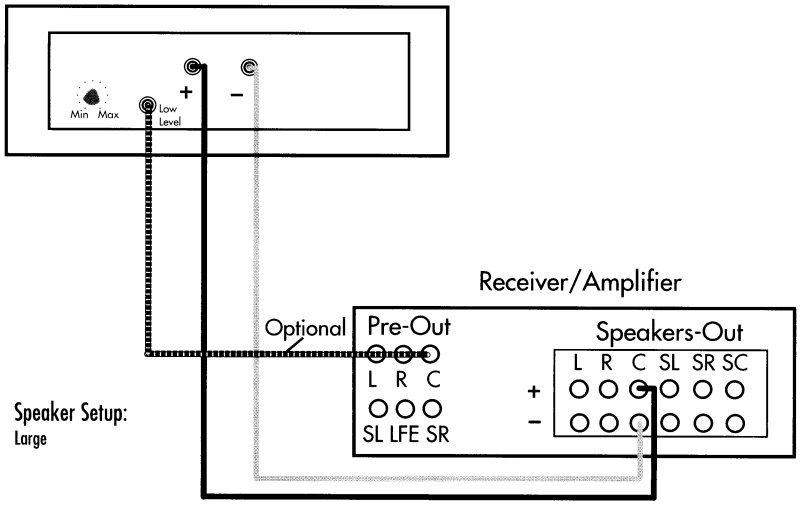
Ensure that the speaker is always connected to the receiver or amplifier + to + and – to –.

VERY IMPORTANT:

Do not use your receiver's auto set-up functions as they are often ineffective in setting up and adjusting speakers with built-in powered subwoofers!

Use the manual speaker setup functions in your receiver to set speaker configuration, speaker distance and channel balance. Consult your receiver's or processor's manual to learn how to access and use the setup menus. Set center speaker as "Large".

Figure 3 – Connection Option 1 and Connection Option 2



All Dolby/DTS multi-channel receiver/amplifiers feature a dedicated channel for a center speaker. Consult your receiver's owner's manual for the appropriate connection procedure.

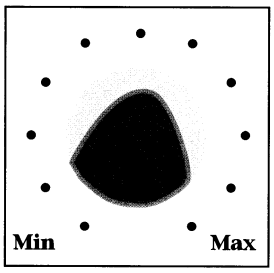
Powering the Active Subwoofer

Your CS Speaker contains a built-in, powered woofer designed to extend the frequency response and dynamic range of the center channel. Do not connect the Low Level input to your receiver's LFE output. The CS speakers are not designed to be a dedicated subwoofer.

Your CS speaker must be plugged into an electrical socket of the appropriate voltage (as indicated on the back of your unit) using the electrical cord which you have attached to the back of the speaker. The CS Speaker has a special circuit which automatically turns the powered woofer section on when a signal is fed to the loudspeaker and does not require an on-off switch. The LED on the back panel will light up when a signal is sensed and the amplifier turns on. After the cessation of a signal, it may take up to an hour for the amplifier to actually turn off. In some instances, because of stray radio signals (RF) in your area, the LED may not turn off. However, this is nothing to be concerned about as the amplifier draws little power when at idle.

Setting Your Speakers' Low-Frequency Level Control

Your CS Speaker has a bass level control which allows you to tune the output level of the woofer to match your room and personal listening preferences. Please note that there are no controls to vary the crossover points or phase because these have been factory-calibrated and set to provide perfect blending. We suggest beginning with the level control set at approximately 12 o'clock.



Troubleshooting

If you experience any difficulties with your CS Center Channel loudspeaker, try the suggestions below. If you still have problems, contact your Definitive Technology Authorized Dealer for assistance.

1. **Audible distortion** when the speaker is playing at loud levels is caused by turning up your receiver or amplifier louder than the receiver or the speaker is capable of playing. Most receivers and amplifiers put out their full-rated power well before the volume control is turned all the way up, so the position of the volume control is a poor indicator of its power limit. If your speakers distort when you play them loud, turn the volume down!
2. If you experience a **lack of bass**, it is likely that one speaker is out of phase (polarity) with the other speakers in the system and needs to be rewired with closer attention to connecting positive to positive and negative to negative on both channels. Most speaker wire has some indicator (such as color-coding, ribbing or writing) on one of the two conductors to help you maintain consistency. It is essential to connect both speakers to the amplifier in the same way (in phase).
3. Make sure all your system interconnects and power cords are solidly in place.
4. Should you hear **hum or noise** coming from your speakers, try plugging the speakers' power cords into a different AC circuit than your amplifier.
5. The system has sophisticated **internal protection circuitry**. If for some reason the protection circuitry trips, turn off your system and wait five minutes before trying the system again. If the speakers' built-in amplifier should over-heat, the system will turn off until the amplifier cools down and resets.
6. Check to be sure that your power cord has not been damaged.
7. Check that no foreign objects or liquid has entered the speaker cabinet.
8. If you cannot get the subwoofer driver to turn on or if **no sound** comes out and you are sure the system is set up properly, please bring the loudspeaker to your Definitive Technology Authorized Dealer for assistance; call first.

Technical Assistance

It is our pleasure to offer assistance if you have any questions regarding your Center Channel or its setup, please contact your nearest Definitive Technology dealer or call us directly at (800) 228-7148 (US & Canada), 01 (410) 363-7148 (all other countries) or e-mail info@definitivetech.com. **Technical support is offered in English only.**

Definitive Technology Offices

11433 Cronridge Drive, Owings Mills, Maryland 21117
Phone: (800) 228-7148 (US & Canada),
01 (410) 363-7148 (all other countries)

Service

Service and warranty work on your Definitive loudspeakers will normally be performed by your local Definitive Technology dealer. If, however, you wish to return the speaker to us, please contact us first, describing the problem and requesting authorization as well as the location of the nearest factory service center. **Please note that the address given in this booklet is the address of our offices only. Under no circumstances should loudspeakers be shipped to our offices or returned without contacting us first and obtaining return authorization.**

	CS-8060HD	CS-8080HD
Performance Specifications		
Overall Frequency Response	30Hz - 30kHz	20Hz - 30kHz
Sensitivity	92	92
Nominal Impedance	8 Ohm	8 Ohm
Recommended Associated Amplifier Power	20-250w	20-300w
Built-In Subwoofer Amplifier Power	150w	150w
Dimensions		
Height	5-3/4" (14.5 cm)	6-3/4" (17.15 cm)
Width	21-1/8" (53.68 cm)	14" (59.7 cm)
Depth	12" (30.4 cm)	14" (35.56 cm)
Speaker Complement		
Active Woofer Quantity	1	1
Woofer Diameter	8" (20.25 cm)	5"x10" (12.7x 25.4 cm)
Bass Radiator Quantity	n/a	2
Bass Radiator Diameter	n/a	5"x10" (12.7x 25.4 cm)
Midrange Driver Quantity	2	2
Midrange Diameter	4 1/2" (11.43 cm)	5 1/4" (13.34 cm)
Tweeter Quantity	1	1
Tweeter Diameter	1" (2.54 cm)	1" (2.54 cm)

Notes

Limited Warranty: 5-Years for Drivers and Cabinets, 3-Years for Electronic Components

DEI Sales Co., dba Definitive Technology (herein "Definitive") warrants to the original retail purchaser only that this Definitive loudspeaker product (the "Product") will be free from defects in material and workmanship for a period of five (5) years covering the drivers and cabinets, and three (3) years for the electronic components from the date of the original purchase from a Definitive Authorized Dealer. If the Product is defective in material or workmanship, Definitive or its Authorized Dealer will, at its option, repair or replace the warranted product at no additional charge, except as set forth below. All replaced parts and Product(s) become the property of Definitive. Product that is repaired or replaced under this warranty will be returned to you, within a reasonable time, freight collect. This warranty is non-transferrable and is automatically void if the original purchaser sells or otherwise transfers the Product to any other party.

This Warranty does not include service or parts to repair damage caused by accident, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defects in material or workmanship. This warranty does not cover the elimination of externally generated static or noise, or the correction of antenna problems or weak reception. This warranty does not cover labor costs or damage to the Product caused by installation or removal of the Product. Definitive Technology makes no warranty with respect to its products purchased from dealers or outlets other than Definitive Technology Authorized Dealer.

THE WARRANTY IS AUTOMATICALLY VOID IF:
1) The product has been damaged, altered in any way, mishandled during transportation, or tampered with.
2) The product is damaged due to accident, fire, flood, unreasonable use, misuse, abuse, customer applied cleaners, failure to observe manufacturers warnings, neglect or related events.
3) Repair or modification of the Product has not been made or authorized by Definitive Technology.
4) The product has been improperly installed or used.

Product must be returned (insured and prepaid), together with the original dated proof of purchase to the Authorized Dealer from whom the Product was purchased, or to the nearest Definitive factory service center. Product must be shipped in the original shipping container or its equivalent. Definitive is not responsible or liable for loss or damage to Product in transit.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY THAT APPLIES TO YOUR PRODUCT. DEFINITIVE NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH YOUR PRODUCT OR THIS WARRANTY. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS, IMPLIED,WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED AND DISCLAIMED TO THE MAXIMUM EXTENT ALLOWED BY LAW. ALL IMPLIED WARRANTIES ON PRODUCT ARE LIMITED TO THE DURATION OF THIS EXPRESSED WARRANTY. DEFINITIVE HAS NO LIABILITY FOR ACTS OF THIRD PARTIES. DEFINITIVE'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT FOR WHICH A CLAIM HAS BEEN MADE. UNDER NO CIRCUMSTANCE WILL DEFINITIVE BEAR ANY LIABILITY FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. THE CONSUMER AGREES AND CONSENTS THAT ALL DISPUTES BETWEEN THE CONSUMER AND DEFINITIVE SHALL BE RESOLVED IN ACCORDANCE WITH CALIFORNIA LAWS IN SAN DIEGO COUNTY, CALIFORNIA. DEFINITIVE RESERVES THE RIGHT TO MODIFY THIS WARRANTY STATEMENT AT ANY TIME.

Some states do not allow the exclusion or limitation of consequential or incidental damages, or implied warranties, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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CE

This product complies with the essential requirements of the EMC directive 89/336/EEC.

For more information on Definitive Technology Loudspeakers and accessories, visit www.definitivetech.com, or email info@definitivetech.com.
Definitive Technology, Owings Mills, Maryland, USA. 800-228-7148

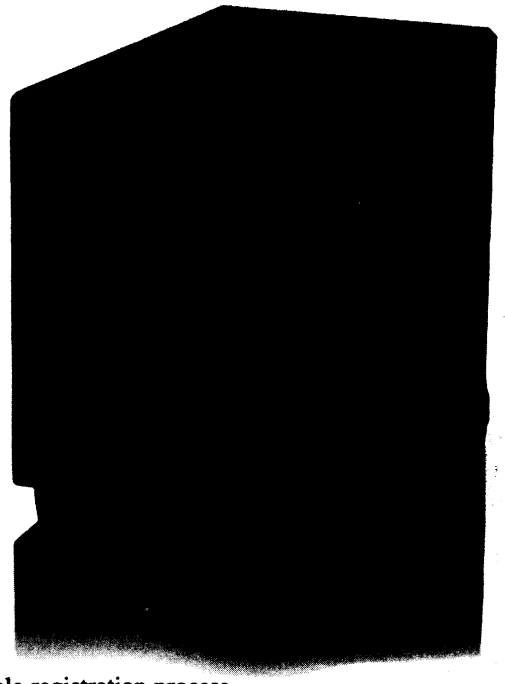
Definitive Technology®
The Leader in High-Performance Loudspeakers®

REGISTER YOUR

You could win a **FREE** powered subwoofer worth $400 retail value*

There are important benefits to registering your new Definitive Technology product:

- We'll automatically enter your name into a **monthly drawing** for a **FREE** $400 powered subwoofer*
- You'll have **peace of mind** knowing that we have a permanent record of your product purchase for warranty verification (with upload of receipt scan)
- You'll be assured of receiving **service/upgrade alerts**
- **It's fast and easy**
- **Privacy.** The data we gather during on-line registration is never sold



ProSub 800

http://www.DefinitiveTech.com

*Definitive Technology ProSub 800 or equivalent. See Official Rules for Details. No purchase necessary. Sweepstakes void outside the 50 United States and the District of Columbia, and where prohibited by law.

Failure to complete and submit the product registration form does not diminish your warranty rights. Warranties apply as stated in the product manual. Please be sure to keep your original purchase receipt.

No Internet access?

Call Definitive Technology Customer Service M-F 9:30 AM – 6:00 PM US Eastern Standard Time at (410) 363-7148, and we'll help you with the simple registration process. Or you can send us a letter to Definitive Warranty Registration at the address below with your name, address, phone number, serial number(s) of the product(s) and a photocopy of your sales receipt. Your name will be entered into the drawing regardless of how you choose to register.

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